30-045-31062

Duke No. 1B

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Wood Group 3000# TC1AB 7 1/16"x2 3/8" tubing hanger		
Wood Group 3000# C22 11"x4 1/2" casing hanger Elevation: 5851' GR, 5866' KB	Location:	690'FSL, 1515'FEL, Sec 13, T31N, R13W, San Juan County, NM Lease # SF 078707
9 5/8" 36#J55 STC CSA 273'KB w/ 210 sx, circ	Field:	Blanco MV / Basin Dakota
	Zone:	Point Lookout, Dakota
	Perfs:	4578'-4841' & 6767'-6794'
	Spud Date:	July 29, 2002, 00:00
Stage Tool @ 3635.95'KB		
TOC on 1 st stage of intermediate casing is unknown		
TOC on 4 1/2" is above 3900' by CBL		
7" 23# J55 LTC CSA 4148'KB w/ 195 sx 1st stage, 700 sx 2nd s	stage, circ	
Marker jeint @ 4240' to 4261'		
Marker joint @ 4340' to 4361' 8-27-02 Perf 1 JSPL 120°ø over 4578, 79, 84, 85, 86, 94, 96, 98, 4600, 13, 14, 24, 25, 34-38,		
4683, 84, 4746, 47, 52-56, 67, 68, 79, 80, 4806 & 41 (33 hole Marker joint @ 5207' to 5224'	es). All OK in	2 gun runs.
3-27-03 Set 2 3/8" tbg - notched collar, grooved seating nipple,	207 jts 4.7# 、	J55 8rd EUE tbg. EOT: 6764.46'KE
8-26-02 Perf 1JSPL 120° ø over 6767-70, 6777-90 & 6792-94 Tag fill at 6820' on 3-27-03 w/ tubing.	(21 shots) top	o down
Float @ 6829.08'KB		
TD: 6870' KB Driller. PBTD: 6820' KB by tubing tally		

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8/27/2002	Frac perfs 6767-94 down casing. Unable to pump schedule. 2# packed off. Drop to 1/2#. Pump all sand.
	Finish w/ 2.5#. Pump 66,360 gal & 64,000# 20/40 + 18,000# activated @ 42bpm.
	ISIP: 1310, 5min: 960, 10min: 720, 15min: 620.
8/27/2002	Frac perfs 4578-4841 down csg @ 63 bpm w/ 117,000gal slick wtr & 57,750# 20/40, 60,800# 20/40
	activated w/2ppg max & w/ RA. ISIP: 525, 5min: 0. SIFN